

County Oral health Wisconsin Surveillance System (COWSS)

Polk County

Demographics by Age	0-17	18-64	65+	County Total
Population, 2010	10,500	26,641	7,064	44,205
Percent (90% CI ⁺) below poverty, 2010	18.2 (14.8, 21.6)	-	-	12.5 (10.5, 14.5)
Percent (90% CI) of adults age 25 and over with a bachelor's degree or higher, 2006-2010	-	-	-	18.4 (17.5, 19.3)
Unemployment rate, June 2011	-	-	-	8.6

⁺ Confidence Interval

Medicaid/BadgerCare+ by Age, All	0-2	3-18	19-64	65+	County Total
Percent of population enrolled in Medicaid/BadgerCare+, SFY10 [‡]	57.6	37.5	15.3	8.8	20.5
Percent of Medicaid/BadgerCare+ members with a dental service, SFY10	4.9	46.1	33.9	23.4	35.1

[‡] State Fiscal Year

Medicaid/BadgerCare+ by Age, Continuously Enrolled	0-2	3-18	19-64	65+	County Total
Percent of population enrolled in Medicaid/BadgerCare+, SFY10	28.3	27.4	9.1	5.4	13.1
Percent of Medicaid/BadgerCare+ members with a dental service, SFY10	8.2	54.4	43.9	29.4	45.0

Prevention

Percent of total population on a public water supply (PWS), 2011	35.9
Percent of population on a PWS with access to optimally fluoridated water, 2011	70.9
Percent of total population (all water sources) with access to optimally fluoridated water, 2011	25.5
Total number of schools with grades second through sixth, 2010-11	15
Number of schools with fluoride mouth rinse programs, 2010-11	5
Number of schools eligible for Seal-A-Smile funding, 2010-11	10
Number of schools funded by Seal-A-Smile program, 2010-11	9
Total number of schools with a dental sealant program, 2010-11	10
Total number of schools with a fluoride varnish program, 2010-11	10
Percent (95% CI) of third grade students with dental sealants, 2007-08	61.0 (57.7, 64.4)
Number of children served by fluoride supplement program, 2010-11	307
Number of Medicaid/BadgerCare+ children (age 0 to 8) with at least one fluoride varnish application by a dental provider, SFY10	603
Number of Medicaid/BadgerCare+ children (age 0 to 8) with at least one fluoride varnish application by a primary care provider, SFY10	2

Workforce

Number of licensed dentists, 2011	21
Number of licensed dental hygienists, 2011	28

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Workforce

Population to dentist ratio	2,105
Medicaid/BadgerCare+ population (continuously enrolled) to dentist ratio	276
Number of Medicaid dentists who treated at least one Medicaid/BadgerCare+ patient, SFY10	14
Less than 50 patients	1
50 to 100 patients	4
Over 100 patients	9
Number of Federally Qualified Health Centers (FQHC) dental clinics	0
Number of Tribal Health Center Dental Clinics	0
Number of safety net dental clinics (Non-FQHC)	0
Dental Health Professional Shortage Areas (HPSA)	None
	Wisconsin Dental HPSA Map

Disease Burden

Number of deaths from oral/pharyngeal cancer, 2003-2007	15
Age adjusted mortality rate per 100,000 (95% CI) from oral/pharyngeal cancer, 2003-2007	5.7 (3.2, 9.6)
Number of new cases of oral/pharyngeal cancer, 2004-2008	20
Age adjusted incidence rate per 100,000 (95% CI) of oral/pharyngeal cancer, 2004-2008	7.8 (4.7, 12.2)
Percent (95% CI) of adults with a dental visit in the past year, 2006, 2008, & 2010	68.7 (58.6, 78.8)
Percent (95% CI) of adults with tooth loss due to decay or gum disease, 2006, 2008, & 2010	38.5 (29.1, 47.9)
Number of patient visits to a hospital emergency department for non-traumatic dental complaints, 2010	143
Mean charge per visit to hospital emergency department for non-traumatic dental complaints, 2010	\$257

* Counts less than six were suppressed to protect confidentiality. In these cases regional mortality and/or incidence rates are presented.

** Counts less than ten were suppressed to protect confidentiality. These counties are border counties with hospitals in another state and those data are not available.

